

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	422	(348/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L2	154	(348/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L3	42	(348/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L4	53	(348/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L5	38	(348/283).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L6	336	((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L7	47	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L8	25	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L9	25	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)) and (simultanious\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L10	2	("5196939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L11	747180	accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L12	1633	accumulat\$4 and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L13	806	accumulat\$4 and transfer adj register\$2 and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L14	800	accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultanious\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L15	165	(348/314).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L16	166	(348/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L17	319	((348/314).CCLS.) or ((348/322).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L18	38	((348/314).CCLS.) or ((348/322).CCLS.) and (accumulat\$4 and transfer adj register\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L19	24	((348/314).CCLS.) or ((348/322).CCLS.) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L20	24	(accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)) and (((348/314).CCLS.) or ((348/322).CCLS.) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L21	2	("5859898").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L22	629	horizontal adj transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L23	657	((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L24	46	(horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L25	2177	horizontal adj shift adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L26	96	(horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L27	87	((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L28	14	((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) and channel adj stop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L29	517	horizontal adj shift adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L30	196	horizontal adj transfer adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L31	704	(horizontal adj shift adj registers) or (horizontal adj transfer adj registers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L32	54	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L33	35	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L34	0	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L35	342	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L36	118	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L37	118	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L38	0	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L39	30	horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L40	157	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L41	152	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L42	135	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L43	97	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) and ccd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L44	0	09/447,301	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L45	25	"447,301"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L46	422	(348/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L47	154	(348/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L48	42	(348/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L49	53	(348/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L50	336	((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L51	747180	accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L52	1633	accumulat\$4 and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L53	806	accumulat\$4 and transfer adj register\$2 and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L54	800	accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L55	165	(348/314).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L56	166	(348/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L57	319	((348/314).CCLS.) or ((348/322).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L58	24	((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L59	629	horizontal adj transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L60	657	((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L61	2177	horizontal adj shift adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L62	96	(horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14



## EAST Search History

L63	87	((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L64	517	horizontal adj shift adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L65	196	horizontal adj transfer adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L66	704	(horizontal adj shift adj registers) or (horizontal adj transfer adj registers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L67	54	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L68	35	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L69	0	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L70	342	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L71	118	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L72	118	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L73	0	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L74	157	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L75	152	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L76	0	09/447,301	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L77	47	(((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L78	25	(((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L79	25	((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)) and (simultaneous\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L80	2	("5196939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L81	24	(accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)) and (((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L82	2	("5859898").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L83	46	(horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L84	14	((((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) and channel adj stop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L85	30	horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L86	97	(((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) and ccd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L87	25	"447,301"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L88	135	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L89	38	(((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L90	38	(348/283).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L91	590	L66 and vertical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L92	114	L66 not L91	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L93	27	L92 and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L94	3416	(250/208.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L95	202	(257/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L96	2	("6028299").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L97	37	("4740828"   "4761683"   "4858020"   "4910599"   "4949183").PN. OR ("5196939").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 10:14
L98	202	(257/234).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L99	165	(348/314).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L100	800	accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L101	806	accumulat\$4 and transfer adj register\$2 and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L102	657	((348/311).CCLS.) or ((348/317). CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283). CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L103	35	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L104	422	(348/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L105	96	(horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L106	800	accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L107	319	((348/314).CCLS.) or ((348/322).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L108	25	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)) and (simultaneous\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L109	3416	(250/208.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L110	342	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L111	25	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L112	517	horizontal adj shift adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L113	0	09/447,301	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L114	87	((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L115	157	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L116	14	((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) and channel adj stop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L117	657	((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L118	2177	horizontal adj shift adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14



## EAST Search History

L119	629	horizontal adj transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L120	96	(horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L121	38	((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L122	24	(((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L123	152	(((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L124	97	((((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))))) and ccd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L125	25	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)) and (simultanious\$4 or time)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L126	2	("6028299").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L127	2	("5196939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L128	118	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L129	319	((348/314).CCLS.) or ((348/322).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L130	30	horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L131	0	(((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L132	35	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L133	47	(((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L134	2	("5196939").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L135	704	(horizontal adj shift adj registers) or (horizontal adj transfer adj registers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L136	590	L135 and vertical	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L137	14	((((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) and channel adj stop	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L138	2	("5859898").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L139	24	(accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)) and ((((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L140	114	L135 not L136	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L141	27	L140 and storage	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L142	2177	horizontal adj shift adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L143	42	(348/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L144	629	horizontal adj transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L145	24	(((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L146	38	(348/283).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L147	165	(348/314).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L148	24	(accumulat\$4 and transfer adj register\$2 and (even and odd) and (simultaneous\$4 or time)) and (((((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)) and (accumulat\$4 and transfer adj register\$2 and (even and odd)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L149	46	(horizontal adj transfer adj register\$2 and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L150	2	("5859898").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L151	135	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L152	25	((((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2) and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L153	46	(horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L154	166	(348/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L155	37	("4740828"   "4761683"   "4858020"   "4910599"   "4949183").PN. OR ("5196939").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/01/04 10:14

## EAST Search History

L156	135	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:49
L157	166	(348/322).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L158	30	horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L159	97	((((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))))) and ccd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L160	118	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L161	25	"447,301"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L162	154	(348/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L163	196	horizontal adj transfer adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L164	0	(((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L165	25	"447,301"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L166	54	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

## EAST Search History

L167	806	accumulat\$4 and transfer adj register\$2 and (even and odd)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L168	1633	accumulat\$4 and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L169	0	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not (((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L170	54	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L171	747180	accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L172	47	(((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4) and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L173	704	(horizontal adj shift adj registers) or (horizontal adj transfer adj registers)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14



## EAST Search History

L174	53	(348/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L175	38	(348/283).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L176	517	horizontal adj shift adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L177	87	((horizontal adj shift adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.))) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L178	154	(348/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L179	336	((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L180	422	(348/311).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L181	0	09/447,301	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

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L182	152	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns) not ((horizontal adj transfer adj register\$2) and (((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L183	157	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and columns	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L184	0	((((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even) and horizontal-horizontal	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L185	118	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd) and even	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L186	118	(((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)) and odd	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L187	342	((horizontal adj shift adj registers) or (horizontal adj transfer adj registers)) and (storage or accumulation)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L188	38	(((348/314).CCLS.) or ((348/322).CCLS.)) and (accumulat\$4 and transfer adj register\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L189	196	horizontal adj transfer adj registers	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L190	1633	accumulat\$4 and transfer adj register\$2	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14

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L191	747180	accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L192	336	((((348/311).CCLS.) or ((348/317).CCLS.) or ((348/321).CCLS.) or ((348/323).CCLS.) or ((348/283).CCLS.)) and accumulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L193	53	(348/323).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L194	42	(348/321).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:14
L195	36	"5196939"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:49
L196	2	("5196939").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/04 10:50